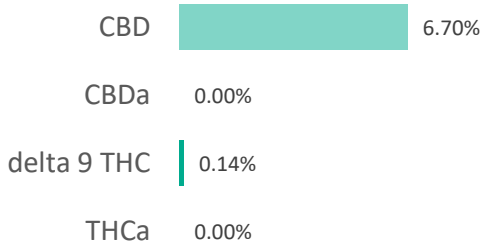
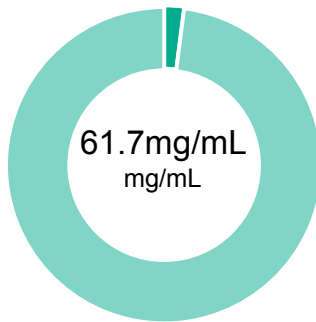


B014

Batch ID:		Test ID:	9891889.0042
Reported:	21-Apr-2020	Method:	TM14
Type:	Solution		
Test:	Potency		


CANNABINOID PROFILE



Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.26	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.13	1.30	1.4
Cannabidiolic acid (CBDA)	0.72	ND	ND
Cannabidiol (CBD)	0.40	61.70	67.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.14	ND	ND
Cannabinolic Acid (CBNA)	0.36	ND	ND
Cannabinol (CBN)	0.16	0.30	0.4
Cannabigerolic acid (CBGA)	0.23	ND	ND
Cannabigerol (CBG)	0.13	1.00	1.1
Tetrahydrocannabivarinic Acid (THCVA)	0.23	ND	ND
Tetrahydrocannabivarin (THCV)	0.12	ND	ND
Cannabidivarinic Acid (CBDVA)	0.67	ND	ND
Cannabidivarin (CBDV)	0.37	0.70	0.7
Cannabichromenic Acid (CBCA)	0.20	ND	ND
Cannabichromene (CBC)	0.24	2.40	2.6
Total Cannabinoids		67.40	73.16
Total Potential THC**		1.30	1.38
Total Potential CBD**		61.70	67.01

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
 * Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.
 ** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.
 Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))
 ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
 Density = 0.92g/mL
 N/A

FINAL APPROVAL

 Tyler Wiese
 21-Apr-2020
 5:13 PM

 Ben Minton
 21-Apr-2020
 7:52 PM

PREPARED BY / DATE

APPROVED BY / DATE

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B014


Batch ID:	N/A	Test ID:	T000072201
Reported:	22-Apr-2020	Method:	TM19
Type:	Other		
Test:	Metals		


HEAVY METALS

Analyte	Dynmic Range (ppm)	Result (ppm)
Arsenic	0.071 - 7.14	ND
Cadmium	0.064 - 6.42	ND
Mercury	0.070 - 7.05	ND
Lead	0.061 - 6.13	ND

* ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL


 Alex Benson
 22-Apr-2020
 11:05 AM
 PREPARED BY / DATE


 Greg Zimpfer
 22-Apr-2020
 2:57 PM
 APPROVED BY / DATE

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B014

Batch ID:	N/A	Test ID:	T000072198
Reported:	23-Apr-2020	Method:	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	BLOQ
E. coli	None Detected
Salmonella	None Detected

* CFU/g = Colony Forming Unit per Gram



** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: $10^2 = 100$ CFU
 $10^3 = 1,000$ CFU
 $10^4 = 10,000$ CFU
 $10^5 = 100,000$ CFU

NOTES:

Free from visual mold, mildew, and foreign matter
TYM: BLOQ | Below limit of quantitation
Total Aerobic: None Detected

FINAL APPROVAL


Nick Tumminaro
23-Apr-2020
1:34 PM
Ben Minton
23-Apr-2020
4:48 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

B014


Batch ID:		Test ID:	9051435.009
Reported:	23-Apr-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	53 - 2476	ND*	Malathion	321 - 2476	ND*
Acetamiprid	53 - 2476	ND*	Metalaxyl	53 - 2476	ND*
Abamectin	>321	ND*	Methiocarb	53 - 2476	ND*
Azoxystrobin	53 - 2476	ND*	Methomyl	53 - 2476	ND*
Bifenazate	53 - 2476	ND*	MGK 264 1	321 - 2476	ND*
Boscalid	53 - 2476	ND*	MGK 264 2	321 - 2476	ND*
Carbaryl	53 - 2476	ND*	Myclobutanil	53 - 2476	ND*
Carbofuran	53 - 2476	ND*	Naled	53 - 2476	ND*
Chlorantraniliprole	53 - 2476	ND*	Oxamyl	53 - 2476	ND*
Chlorpyrifos	53 - 2476	ND*	Paclobutrazol	53 - 2476	ND*
Clofentezine	321 - 2476	ND*	Permethrin	321 - 2476	ND*
Diazinon	321 - 2476	ND*	Phosmet	53 - 2476	ND*
Dichlorvos	>321	ND*	Prophos	321 - 2476	ND*
Dimethoate	53 - 2476	ND*	Propoxur	53 - 2476	ND*
E-Fenpyroximate	53 - 2476	ND*	Pyridaben	53 - 2476	ND*
Etofenprox	53 - 2476	ND*	Spinosad A	53 - 2476	ND*
Etoxazole	321 - 2476	ND*	Spinosad D	321 - 2476	ND*
Fenoxycarb	>53	ND*	Spiromesifen	>321	ND*
Fipronil	53 - 2476	ND*	Spirotetramat	>321	ND*
Flonicamid	53 - 2476	ND*	Spiroxamine 1	53 - 2476	ND*
Fludioxonil	>321	ND*	Spiroxamine 2	53 - 2476	ND*
Hexythiazox	53 - 2476	ND*	Tebuconazole	321 - 2476	ND*
Imazalil	321 - 2476	ND*	Thiacloprid	53 - 2476	ND*
Imidacloprid	53 - 2476	ND*	Thiamethoxam	53 - 2476	ND*
Kresoxim-methyl	53 - 2476	ND*	Trifloxystrobin	53 - 2476	ND*

* ND = None Detected (Defined by Dynamic Range of the method)

N/A

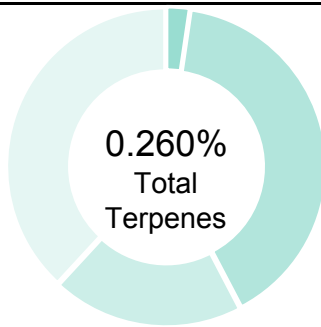
FINAL APPROVAL

 Tyler Wiese
 23-Apr-2020
 2:54 PM
 PREPARED BY / DATE


 Ben Minton
 23-Apr-2020
 6:54 PM
 APPROVED BY / DATE

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B014

Batch ID:		Test ID:	7148054.0011
Reported:	23-Apr-2020	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.082	0.82
Camphene	N/A	N/A
delta-3-Carene	0.000	0
beta-Caryophyllene	0.086	0.86
(-)-Caryophyllene Oxide	0.041	0.41
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.042	0.42
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.005	0.05
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.004	0.04
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	0.260%	2.60



PREDOMINANT TERPENES

alpha-Pinene	0.000%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.000%
delta-3-Carene	0.000%
alpha-Terpinene	0.000%
d-Limonene	0.000%
Linalool	0.005%
beta-Caryophyllene	0.086%
alpha-Humulene	0.042%
(-)-alpha-Bisabolol	0.082%

NOTES:

0

FINAL APPROVAL

 Ryan Weems 23-Apr-2020 6:37 PM	 Greg Zimpfer 23-Apr-2020 9:35 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

B014

Batch ID:		Test ID:	T000072197
Reported:	23-Apr-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	78 - 1566	*ND
Butanes (Isobutane, n-Butane)	153 - 3060	*ND
Methanol	61 - 1210	*ND
Pentane	87 - 1745	*ND
Ethanol	96 - 1929	*ND
Acetone	95 - 1893	*ND
Isopropyl Alcohol	104 - 2080	*ND
Hexane	6 - 113	*ND
Ethyl Acetate	97 - 1946	*ND
Benzene	0.2 - 4	*ND
Heptanes	90 - 1796	*ND
Toluene	19 - 374	*ND
Xylenes (m,p,o-Xylenes)	141 - 2822	*ND

* ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
N/A**FINAL APPROVAL**Tyler Wiese
23-Apr-2020
3:15 PM

PREPARED BY / DATE

Ben Minton
23-Apr-2020
7:40 PM

APPROVED BY / DATE

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